

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	((magnetic adj tunnel adj junction) or mtj) and (reference adj (layer or film)) and (insulat\$6 adj (layer or film)) and (tunnel adj barrier) and (stor\$6 adj (layer or film)) and ((first or second) adj2 electrode) and ((thermal or heat or temperature) adj2 (conductivity or barrier))	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:21
L2	834589	2002/0089874 AI 2003/0206434 AI "6,535,416" 2005/0002228 AI 2005/0002267 AI 2004/00095801 AI "6,385,082" B1 2003/0007398 AI 2003/0123282 AI "5,933,36"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:08
L3	256	2002/0089874 2003/0206434 "6,535,416" 2005/0002228 2005/0002267 2004/00095801 "6,385,082" 2003/0007398 2003/0123282 "5,933,365"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:12
L4	0	"20020089874".pn.	USPAT	OR	OFF	2007/04/04 07:14
L5	1	"20020089874".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:14
L6	1	"20030206434"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:14
L7	1	"6535416".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:15
L8	1	"20050002228"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:15
L9	1	"20050002267"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:15
L10	0	"200400095801"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:16
L11	1	"20040009580"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:16
L12	0	"2004009581"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:17
L13	1	"20040095801"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:17
L14	1	"6385082".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:19
L15	1	"20030007398".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:20
L16	3	"20030123282"	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:21

## EAST Search History

L17	1	"5933365".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/04 07:21
L18	30	((magnetic adj tunnel adj junction) or mtj) and ((reference or fix\$4) adj (layer or film)) and (insulat\$6 adj (layer or film)) and (tunnel adj barrier) and ((stor\$6 or free) adj (layer or film)) and ((first or second) adj2 electrode) and (thermal or heat or temperature)	US-PGPUB; USPAT	OR	OFF	2007/04/04 08:28
L19	385	((magnetic adj tunnel adj junction) or mtj) and ((thermal or heat or temperature) near8 (barrier or block\$ or stop\$ or insul\$6))	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:00
L20	65	((magnetic adj tunnel adj junction) or mtj) and ((thermal or heat or temperature) adj2 conduct\$6)	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:05
L21	1435	magnetic and ((reference or fix\$4 or pin\$4 or free or stor\$4) adj2 (layer or film)) and ((heat or temperature or thermal) adj2 conduct\$6)	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:21
L22	31	21 and 365/158.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:20
L23	26	21 and 365/171.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:18
L24	19	21 and 365/173.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:17
L25	16	21 and 257/295.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:17
L26	9	21 and 257/421.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:16
L27	12	21 and 438/3.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:16
L28	0	21 and 438/73.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:13
L29	329	365/160.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:14
L30	99	365/161.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:13
L31	10	magnetic and ((reference or fix\$4 or pin\$4 or free or stor\$4) adj2 (layer or film)) and ((heat or temperature or thermal) adj2 conduct\$6)	EPO; JPO	OR	OFF	2007/04/04 09:22

## EAST Search History

L32	20	(magnetic and ((reference or fix\$4 or pin\$4 or free or stor\$4) adj2 (layer or film)) and ((heat or temperature or thermal) adj2 conduct\$6)).clm.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:32
L33	38	dieny-bernard\$.in.	US-PGPUB; USPAT	OR	OFF	2007/04/04 09:32